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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/050,128	01/18/2002	Michael J. Graziano	56162.000338	3791

7590 12/13/2005  
Kevin T. Duncan, Esq.  
Hunton & Williams  
Intellectual Property Department  
1900 K Street, N.W., Suite 1200  
Washington, DC 20006

EXAMINER
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BHATTACHARJEE, GOPA

ART UNIT	PAPER NUMBER
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2663

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



## **EX PARTE QUAYLE**

### **DETAILED ACTION**

1. The labeling in the specification must be consistent with the labeling of the drawing. The following drawings are objected:

- Figure 1b item 128 labeling does not match the specification at page 12, line 10.
- Figure 1c item 170 labeling does not match the specification at page 12, line 25.
- Figure 1c item 180 labeling does not match with specification at page 13, line 5.
- 'Sr' needs to be spelled out, at least once.

Prosecution on the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G.213.

A shortened statutory period for reply to this action is set to expire TWO MONTHS from the mailing date of this letter.

### ***Allowable Subject Matter***

2. Claims 1-36 are allowed over the prior art of record. The following is an examiner's statement of reasons for allowance:

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Regarding claims 1, 17, 33 and 36, Prior Art fails to teach adapting echo canceller filter length based on data rate and evaluating a model of echo channel for a selected data rate and adjusting the filter length based on the data rate and filter length.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Gopa Bhattacharjee whose telephone number is (571) 272-0778. The examiner can normally be reached on Monday through Friday from 9:00 AM to 4:30 PM ETS.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2663

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Gopa Bhattacharya*

GB

12/7/05

ANDY LEE  
PATENT EXAMINER

